

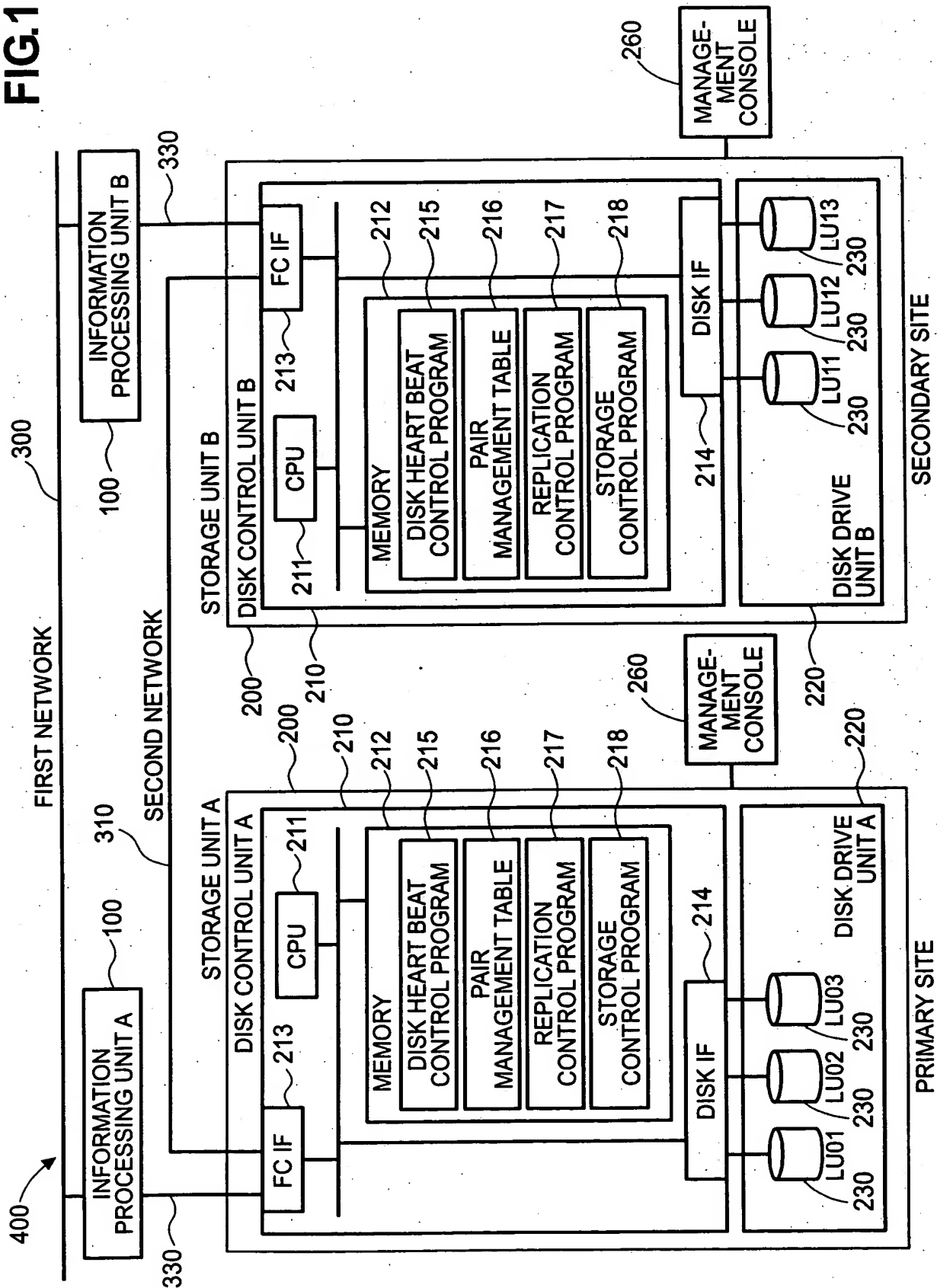
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FIG. 1



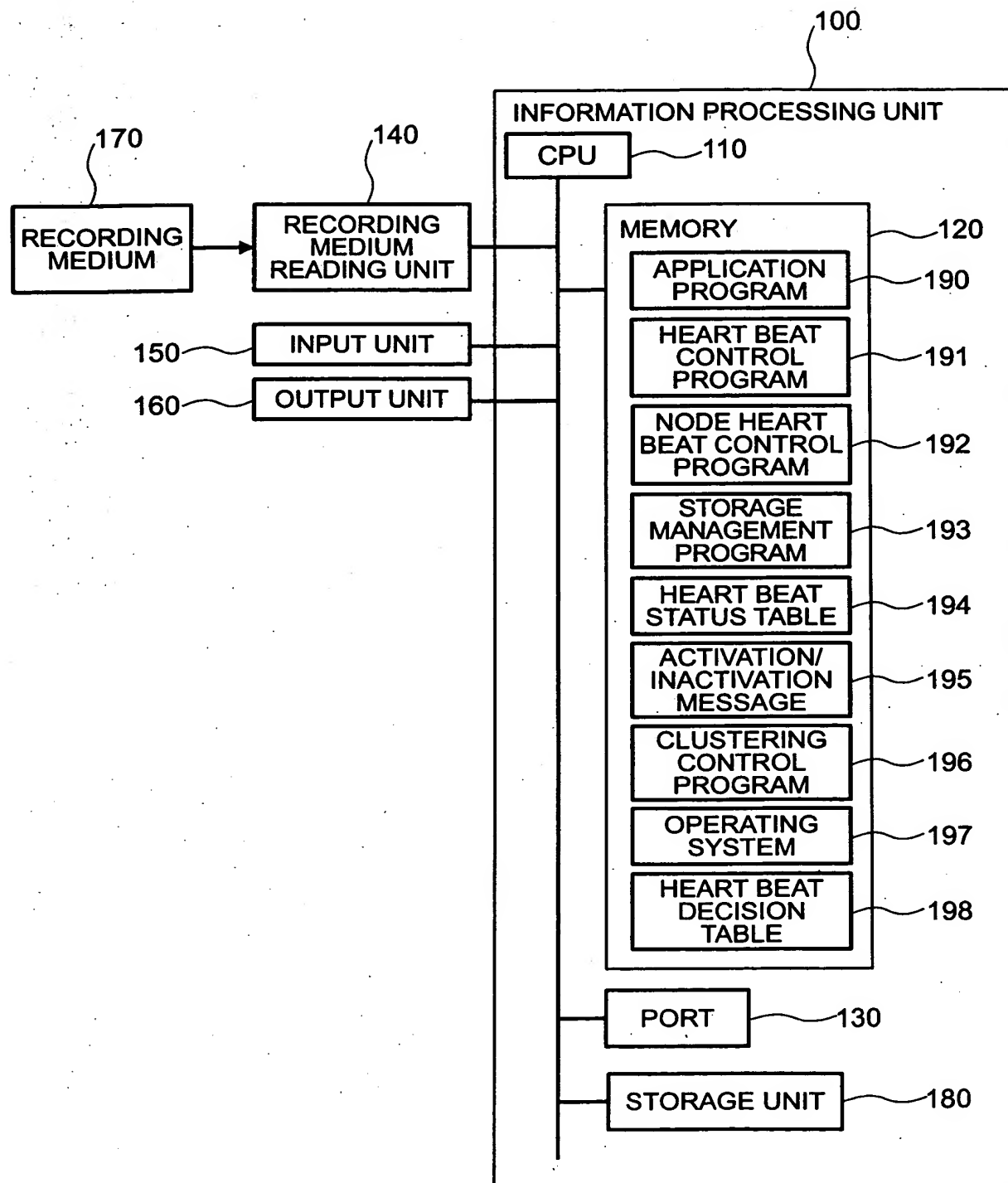
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FIG.2



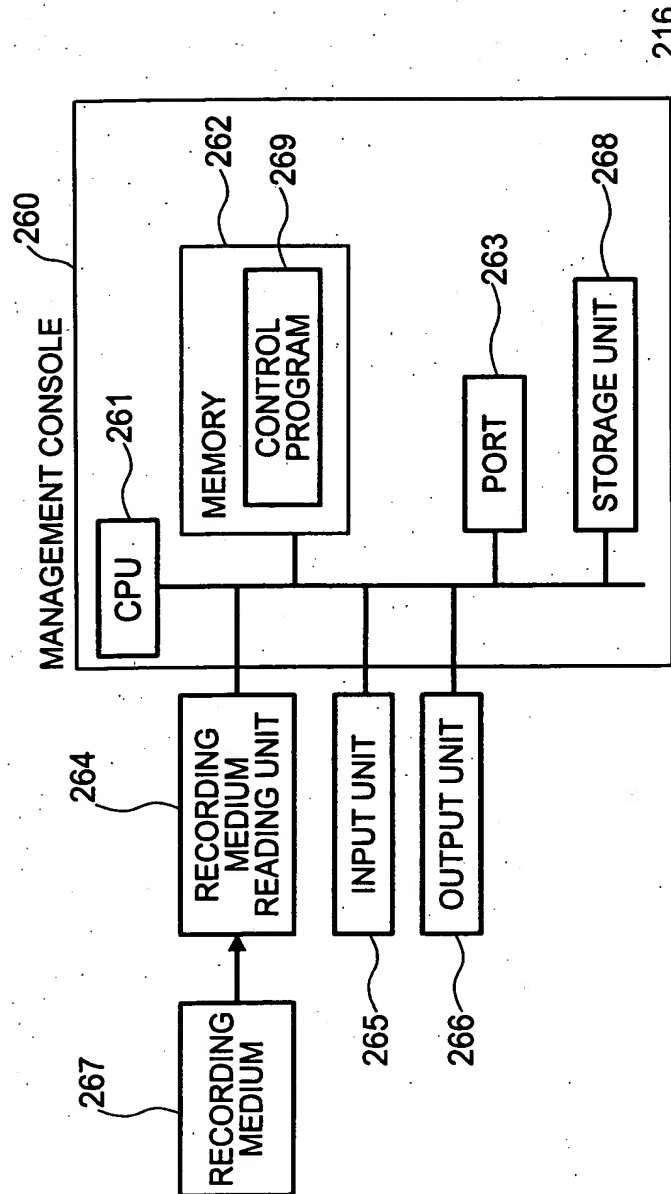
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FIG.3



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PAIR MANAGEMENT TABLE

PAIR TYPE	REPRO- DUCTION TYPE	REPRO- DUCTION SOURCE UNIT	REPRO- DUCTION DESTINATION UNIT	REPRO- DUCTION SOURCE VOLUME	REPRO- DUCTION DESTINATION VOLUME	PAIR STATUS
REMOTE	SYNCHRO- NOUS	A	B	2	2	SPLIT
REMOTE	SYNCHRO- NOUS	A	B	1	3	PAIR
REMOTE	SYNCHRO- NOUS	A	B	0	0	PAIR
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.4

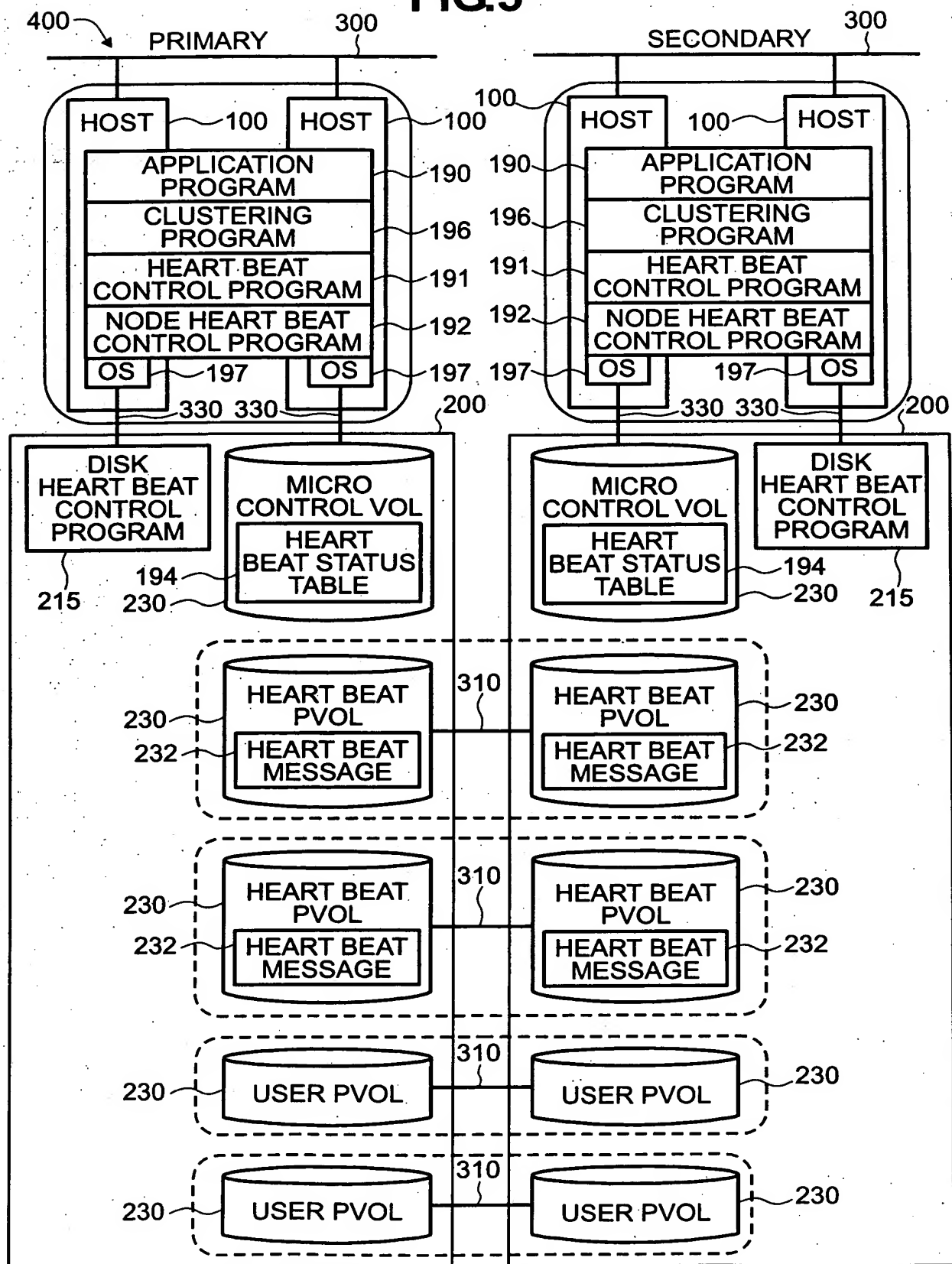
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FIG.5



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FIG.6

ACTIVATION/INACTIVATION MESSAGE (195)

ACTIVATION/INACTIVATION TYPE
DISK HEART BEAT/NODE HEART BEAT
LOCAL DEVICE ADDRESS
REMOTE DEVICE ADDRESS

FIG.7

HEART BEAT STATUS TABLE (194)

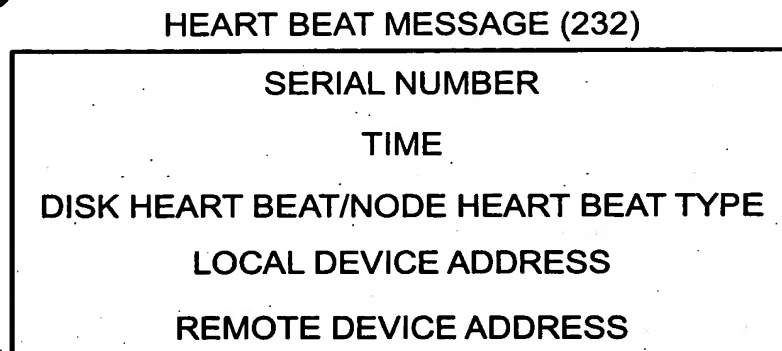
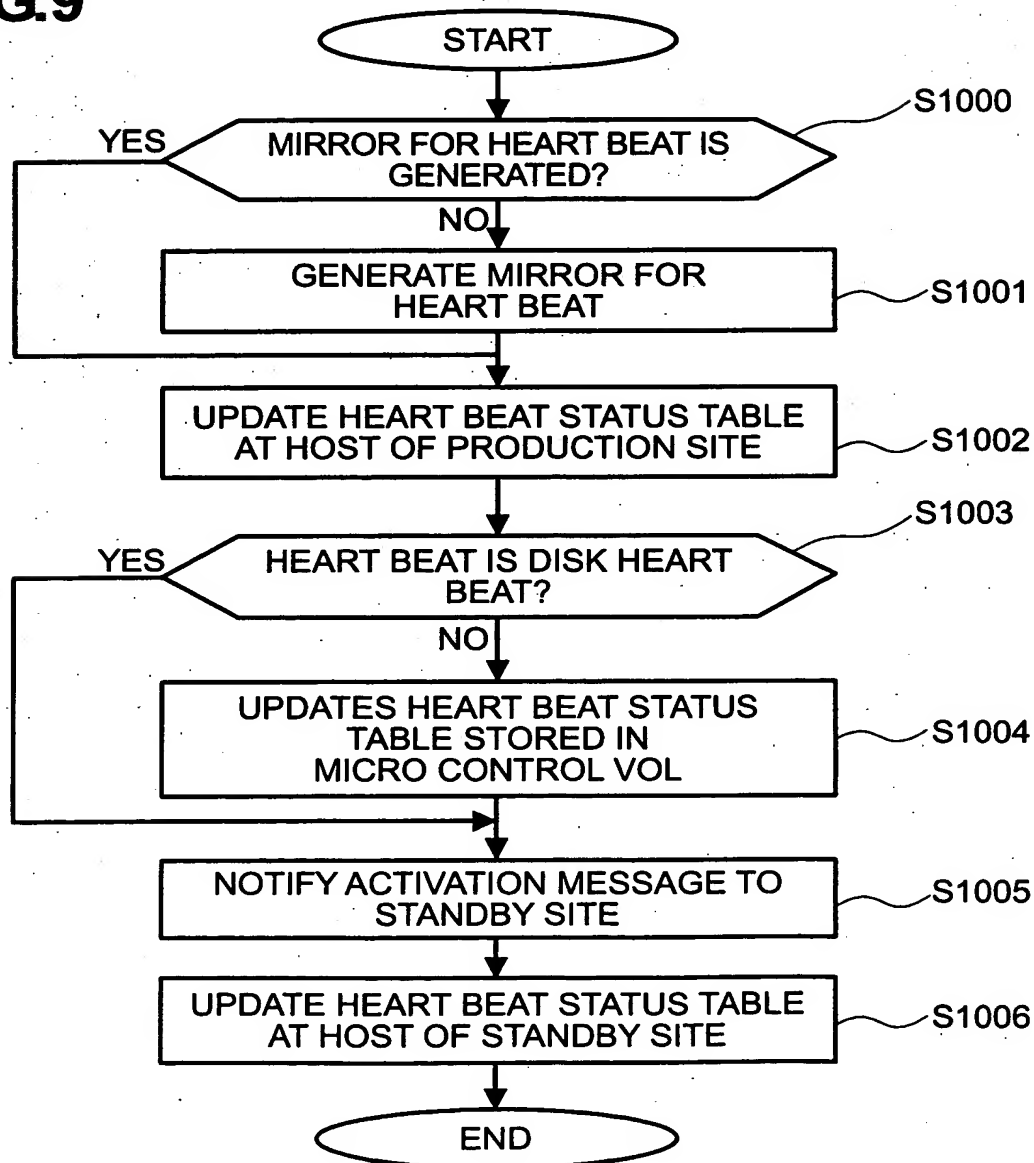
NODE HEART BEAT STATUS
P/S TYPE (1)
LOCAL DEVICE ADDRESS (1)
REMOTE DEVICE ADDRESS (1)
DEVICE STATUS (1)
P/S TYPE (2)
LOCAL DEVICE ADDRESS (2)
REMOTE DEVICE ADDRESS (2)
DEVICE STATUS (2)
:
DISK HEART BEAT STATUS
P/S TYPE (3)
LOCAL DEVICE ADDRESS (3)
REMOTE DEVICE ADDRESS (3)
DEVICE STATUS (3)
P/S TYPE (4)
LOCAL DEVICE ADDRESS (4)
REMOTE DEVICE ADDRESS (4)
DEVICE STATUS (4)
:

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FIG.8**FIG.9**

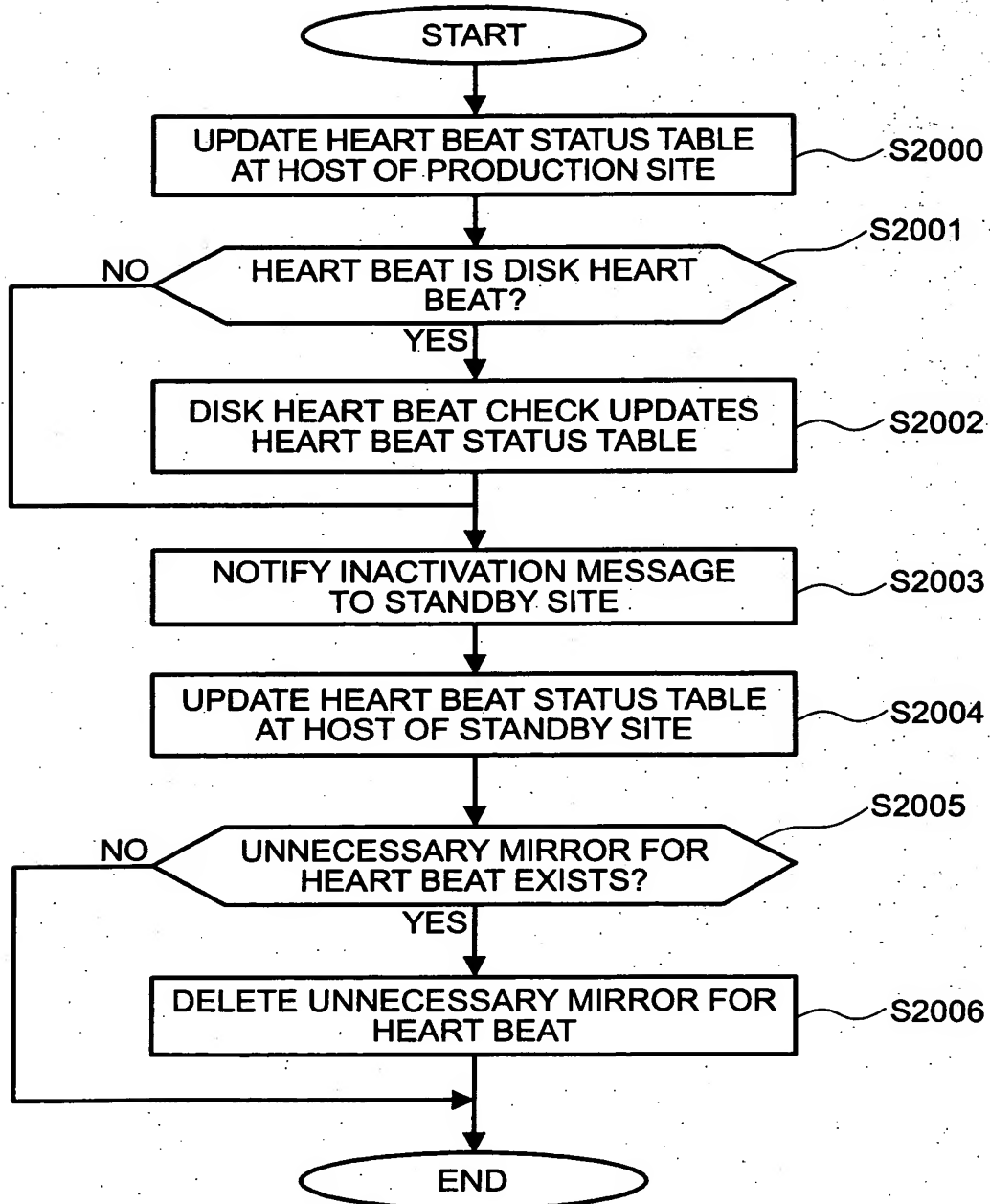
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FIG.10

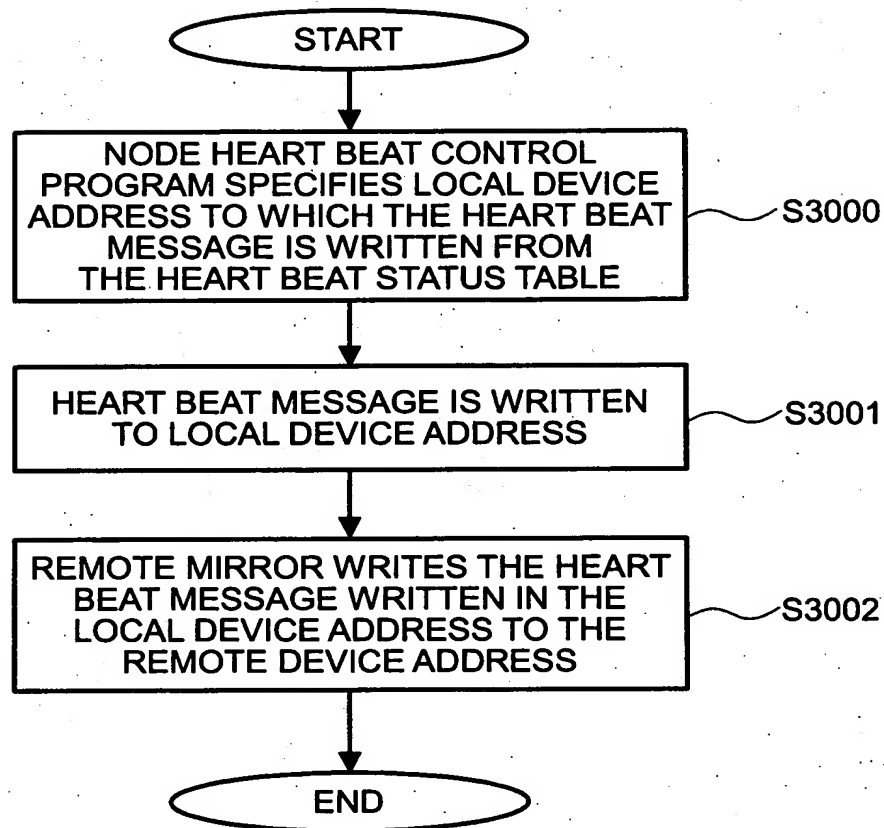


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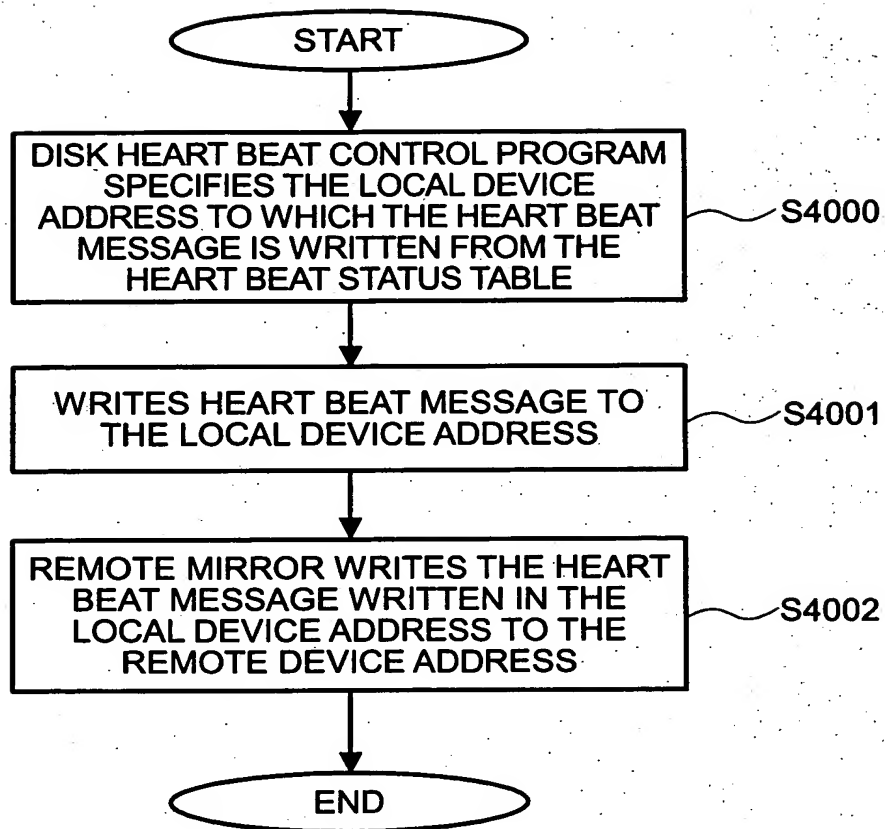
FIG.11

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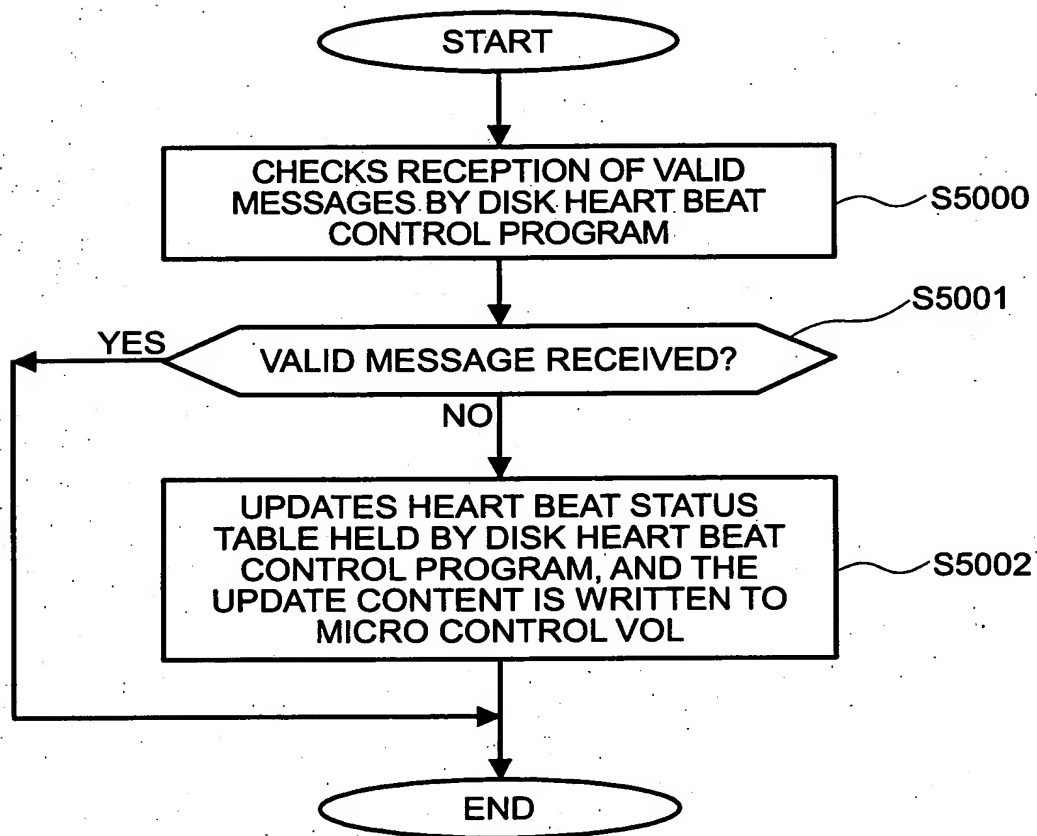
FIG. 12

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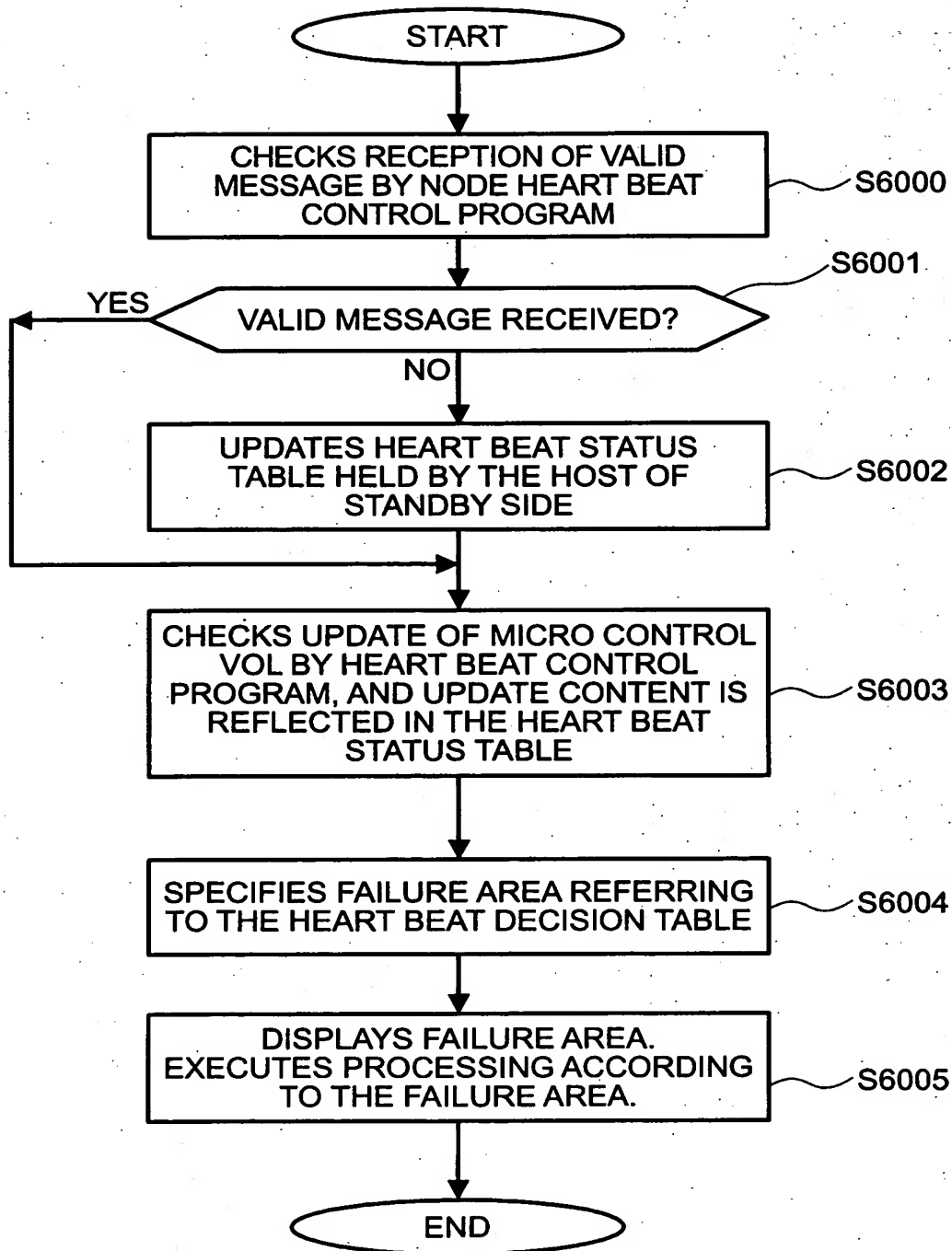
FIG.13

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FIG.14

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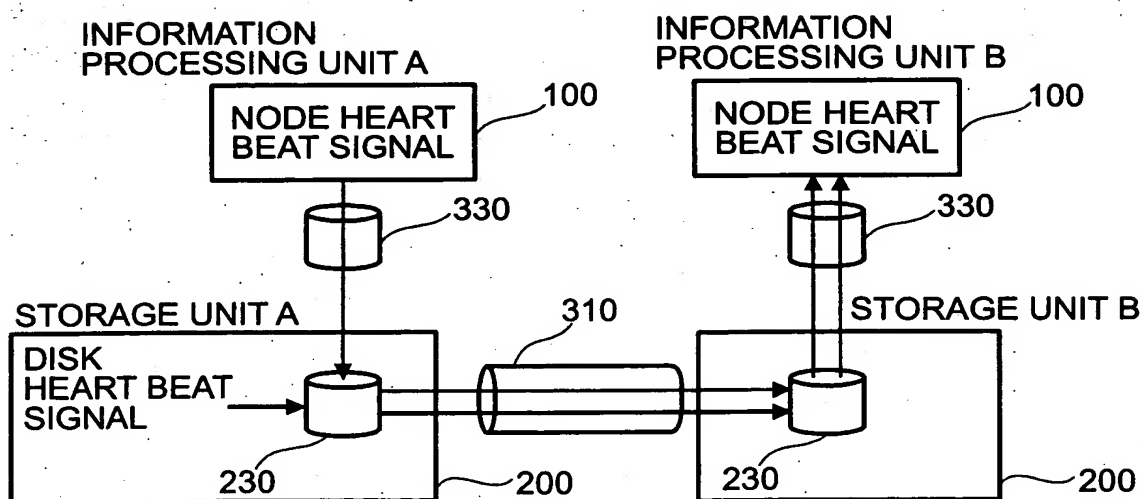
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FIG.15

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		NODE HEART BEAT SIGNAL	
		OK	NG
DISK HEART BEAT SIGNAL	OK	①	②
	NG	③	④

FIG.16

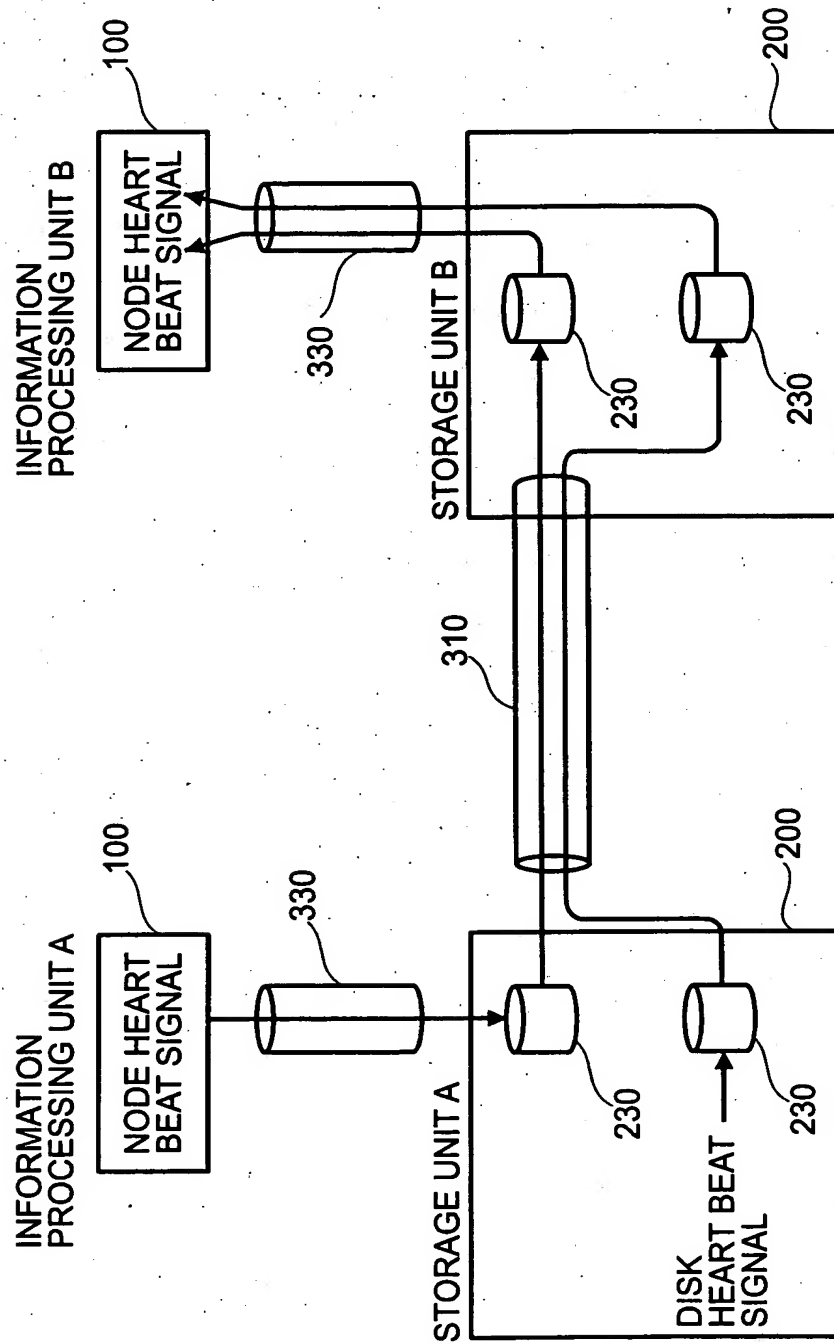


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FIG.17

[illegible]

FIG.18



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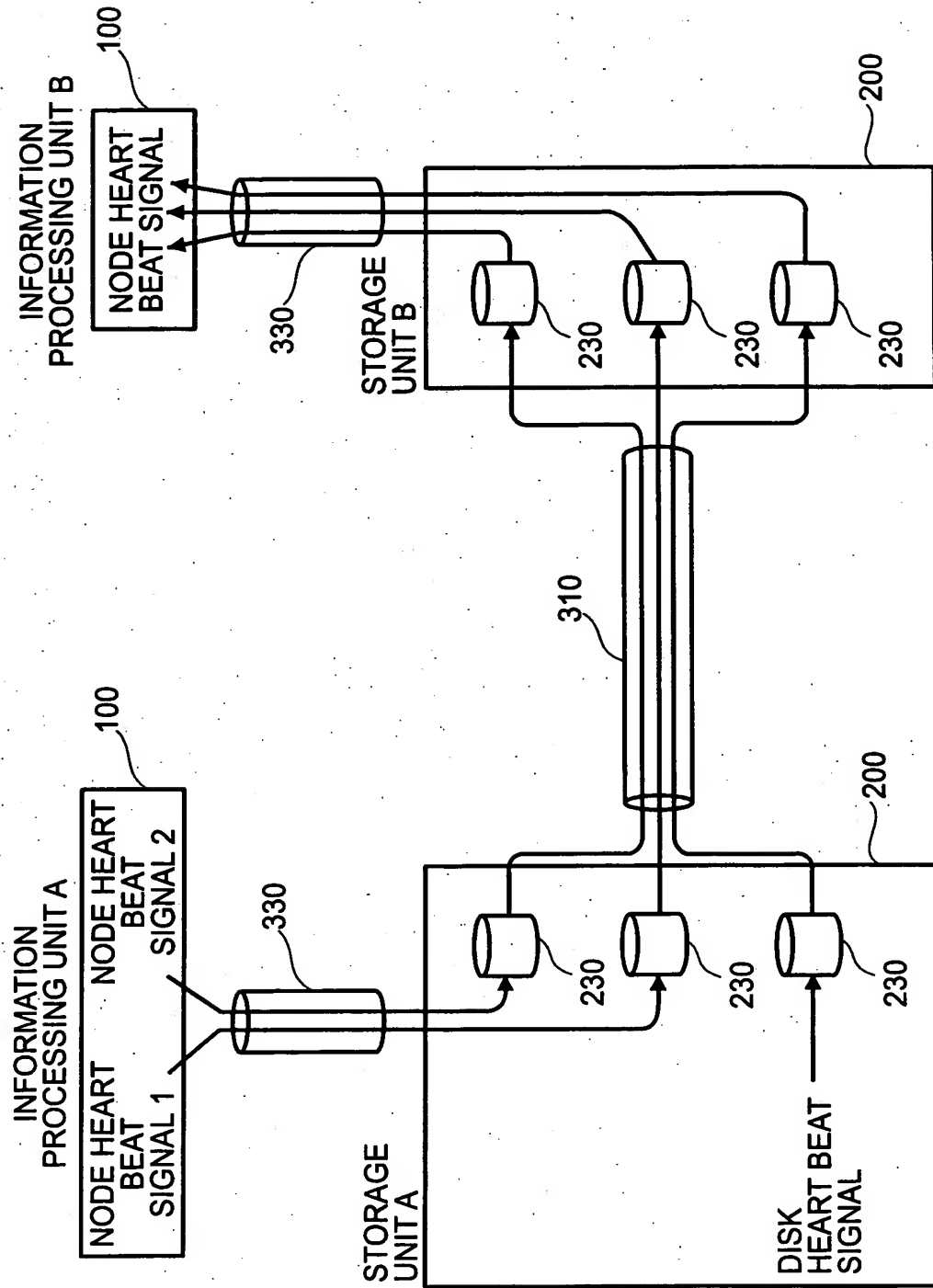
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FIG. 19

[illegible]

FIG.20



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FIG.21

		NODE HEART BEAT SIGNAL 1			
		OK		NG	
		NODE HEART BEAT SIGNAL 2		NODE HEART BEAT SIGNAL 2	
		OK	NG	OK	NG
DISK HEART BEAT SIGNAL	OK	①	②	③	④
	NG	⑤	⑥	⑦	⑧

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FIG. 22

[illegible]

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FIG.23

